

Listing of Claims:

1. (Currently Amended) An image pickup device equipped with
a light emitter which determines a light quantity of a second
light emission by the light emitter based on an electric signal
into which an image picked up with a first light emission by the
5 light emitter is converted, comprising:

an image pickup unit which picks up an image and converts
the picked-up image into an electric signal;

CF
a memory adapted to store image data corresponding to the
electric signal produced by the image pickup unit;

10 a determining section which makes a determination of whether
~~or not~~ the electric signal produced by the image pickup unit has
a proper brightness, in a case where the image is picked up by
the image pickup unit with the first light ~~emitted from~~ emission
by the light emitter; and

15 a controller which controls the memory to store the image
data corresponding to the electric signal used by the determining
section for making the determination, and which inhibits the
second light emission by the light emitter, only if a result of
the determination of the determining section is "proper" with
20 respect to the electric signal which is produced by the image
pickup unit by converting the image picked up by the image pickup
unit with the first light emission by the light emitter; and

wherein the light emitter is controlled by the controller to
emit light in timing with an image pickup timing of the image
pickup device.

2. (Currently Amended) An image pickup device according to
claim 1, wherein when the result of the determination of the
determining section is "not proper", the controller determines a
light quantity ~~of~~ for the second light ~~emitter~~ emission which is
assumed to be "proper" based on the electric signal produced by
the image pickup unit, dispatches an image pickup instruction
again to the image pickup unit, and at the same time, controls
the light emitter to emit the second light emission, a quantity
of which is equivalent to the light quantity determined by the
controller, in timing with the image pickup timing.

3. (Previously Presented) An image pickup device according
to claim 1, wherein the controller prohibits storing in the
memory of the electric signal produced by the image pickup unit
when the result of the determination of the determining section
is "not proper".

4. (Currently Amended) An image pickup device according to
claim 3, wherein when an electric signal produced by the image
pickup unit in timing with ~~a~~ the first light emission of the

light emitter is "not proper", the controller controls the memory
5 to store electric signals converted by the image pickup unit in
timing with the second light emission and subsequent light
emissions of the light emitter.

5. (Currently Amended) An image pickup device equipped with
a stroboscopic light emitter, comprising:

cont
an image pickup unit which picks up an image of an object
and converts the image into an electric signal;

5 a memory adapted to store image data corresponding to the
electric signal produced by the image pickup unit;

a determining section in a CPU which makes a determination
of whether ~~or not~~ the electric signal produced by the image
pickup unit is a proper image, in a case where the image is
10 picked up by the image pickup unit with light emitted from the
stroboscopic light emitter, and wherein the stroboscopic light
emitter emits light of a desired intensity in synchronism with an
operation of the image pickup unit; and

15 a controller in the CPU which controls the memory to store
the image data corresponding to the electric signal used by the
determining section for the determination if a result of the
determination of the determining section is "proper" with respect
to the electric signal which is produced by the image pickup unit
by converting the image picked up thereby with the light emitted

20 from the stroboscopic light emitter, and which computes an
intensity of the light emitted from the stroboscopic light
emitter if the result of the determination of the determining
section is "not proper, wherein the intensity of light is based
on the electric signal used by the determination section for the
25 determination and is estimated to enable the result of the
determination to become "proper", and wherein the controller
again instructs the image pickup unit to pick up an image and
also instructs the stroboscopic light emitter to emit light in
synchronism with the image pickup operation of the image pickup
30 unit.

gh

6. (Currently Amended) An image pickup device equipped with
a light emitter, comprising:

· an image pickup unit which picks up an image and converts
the picked-up image into an electric signal;

5 a memory adapted to store image data corresponding to the
electric signal produced by the image pickup unit;

a determining section which makes a determination of whether
~~or not~~ the electric signal produced by the image pickup unit has
a proper brightness, in a case where the image is picked up by
10 the image pickup unit with light emitted from the light emitter;

a controller which controls the memory to store the image
data corresponding to the electric signal used by the determining

section for the determination with respect to the electric signal
which is produced by the image pickup unit by converting the
15 image picked up by the image pickup unit with the light emitted
from the light emitter, only if a result of the determination of
the determining section is "proper", wherein the light emitter is
controlled by the controller to emit light in synchronism with an
image pickup operation of the image pickup unit; and

20 an auto-focussing unit for driving an optical system to
focus on an object.

C/
7. (Previously Presented) An image pickup device according
to claim 6, wherein when the result of the determination of the
determining section is "not proper", the controller obtains a
light quantity of the light emitter which is assumed to be
5 "proper" based on the electric signal produced by the image
pickup unit, dispatches an image pickup instruction again to the
image pickup unit, and at the same time, controls the light
emitter to emit light in timing with the image pickup timing.

8. (Previously Presented) An image pickup device according
to claim 7, wherein the controller obtains a light emission
quantity of the light emitter by referring to information of a
distance to the object obtained by an auto-focussing operation of
5 the auto-focussing unit.

9. (Previously Presented) An image pickup device according to claim 7, wherein the controller controls the light emitter to carry out a first light emission in a light emission quantity of the light emitter set by a user operation.

10. (Currently Amended) An image pickup method using a light emitter, comprising:

Chd
carrying out a first light emission of the light emitter, and carrying out a first image pickup operation in timing with the first light emission;

determining a brightness of a state of an image picked up by the first image pickup operation carried out in timing with the first light emission;

storing image data corresponding to an electric signal subjected to determination of the brightness of the state of the picked up image, if a result of the determination in the determining step is "at or above a predetermined value" with respect to the brightness of the state of the image picked up by the first image pickup operation;

determining a second light emission value of the light emitter if the result of the determination in the determining step is "less than a predetermined value" with respect to the

brightness of the state of the image picked up by the first image pickup operation;

20 carrying out a second light emission of the light emitter based on the second light emission value, and carrying out a second image pickup in timing with the second light emission; and storing the second picked-up image.

11. (Previously Presented) An image pickup device according to claim 1, further comprising a shutter button which enables a user to instruct the image pickup device to perform an image pickup operation, and wherein the controller controls the image pickup unit to execute the image pickup operation in response to an operation of the shutter button by the user.

12. (Previously Presented) An image pickup device according to claim 6, further comprising a shutter button which enables a user to instruct the image pickup device to perform an image pickup operation, and wherein the controller controls the image pickup unit to execute the image pickup operation in response to an operation of the shutter button by the user.

13. (Currently Amended) An image pickup device equipped with a light emitter, comprising:

an image pickup unit which picks up an image and converts the picked-up image into an electric signal;

5 a memory adapted to store image data corresponding to the electric signal produced by the image pickup unit;

a pre-emission instructing unit which instructs the light emitter to emit light in timing with a first image pickup timing of the image pickup unit;

10 a main emission instructing unit which instructs the light emitter to emit light in timing with a second image pickup timing of the image pickup unit;

C/ent
a determining section which makes a determination of whether ~~or not~~ an electric signal which is produced by a first image pickup operation and conversion of the image pickup unit has a proper brightness, wherein the first image pickup operation of the image pickup unit is performed at a same time as the light emitter emits the light in timing with the first image pickup timing of the image pickup unit; and

15
20 means for controlling the memory to store image data corresponding to an electric signal subjected to determination by the determining section, if a result of the determination by the determining section is "proper", and for controlling the memory to store image data corresponding to an electric signal which is
25 produced by a second image pickup operation and conversion of the

image pickup unit, if the result of the determination by the determining section is "not proper";

wherein the light emitter is controlled by one of the pre-emission instructing unit and the main emission instructing unit to emit light in timing with one of the first and second image pickup timings of the image pickup unit.

Amended
14. (Currently Amended) An image pickup device according to claim 13, further comprising a proper light-quantity determining section for determining, when the result of the determination by the determining section is "not proper", a quantity of light from the light emitter which is estimated to enable the result of the determination to become "proper", based on the electric signal produced by the first image pickup operation and conversion of the image pickup device, wherein the first image pickup operation is performed at the same time as the light emitter emits the light in timing with the first image pickup timing of the image pickup unit.
